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Re: **Joo et al., *Integrated Circuit Metal-Insulator-Metal Capacitors Including Hemispherical Grain Lumps*, Serial No. 10/715,273, Filed 11/17/2003**

Attached is an Amendment After Final Action responsive to the final Official Action dated July 27, 2005.

**CERTIFICATION OF FACSIMILE TRANSMISSION
UNDER 37 CFR § 1.8**

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Susan E. Freedman

Date of Signature: September 27, 2005

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**RESPONSE UNDER 37 C.F.R. 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2822**

Attorney Docket No. 5649-955DV

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Joo et al.

Confirmation No.: 4597

Serial No.: 10/715,273

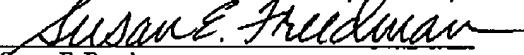
Examiner: Kiesha L. Rose

Filed: November 17, 2003

Group Art Unit: 2822

For: INTEGRATED CIRCUIT METAL-INSULATOR-METAL CAPACITORS
INCLUDING HEMISPHERICAL GRAIN LUMPS

September 27, 2005

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Commissioner for Patents
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Alexandria, VA 22313-1450**CERTIFICATION OF FACSIMILE TRANSMISSION
UNDER 37 CFR § 1.8**I hereby certify that this correspondence is being
facsimile transmitted to the U.S. Patent and Trademark Office via
facsimile number 571-273-8300 on September 27, 2005.
Susan E. Freedman
Date of Signature: September 27, 2005**AMENDMENT AFTER FINAL ACTION
PURSUANT TO 37 C.F.R. § 1.116**

Sir:

The present Amendment is being filed to address the issues raised in the final Official Action mailed July 27, 2005.

It is not believed that an extension of time and/or additional fee(s)-including fees for net addition of claims-are required, beyond those that may otherwise be provided for in documents accompanying this paper. In the event, however, that an extension of time is necessary to allow consideration of this paper, such an extension is hereby petitioned under 37 C.F.R. §1.136(a). Any additional fees believed to be due in connection with this paper may be charged to our Deposit Account No. 50-0220.

Amendments to the claims begin on Page 2 of this paper.

Remarks begin on Page 4 of this paper.